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What is claimed is:

1. A compound of the following formula (I), or a tautomer or pharmaceutically acceptable salt thereof:

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wherein R₁ is selected from -H, -C₁₋₆ alkyl, or -C₁₋₆ alkyl substituted with R₇;

10 Z is selected from $-C(O)OR_2$ or $-C(O)CH_2C(O)X$;

X is selected from:

(a) -a 5 or 6-membered aromatic or heteroaromatic ring, containing 0, 1, 2, 3 or 4 heteroatoms selected from oxygen, nitrogen and sulfur, unsubstituted or independently substituted on a nitrogen or carbon atom by at least one substituent selected from halogen, C₁₋₆ alkyl, or phenyl, or (b) -C(O)OR₂;

 R_2 is selected from -H or - C_{1-6} alkyl;

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 R_3 , R_4 , R_5 and R_6 are each independently selected from -H, -halogen, - C_{1-6} alkyloxy-, - $N(R_8)(R_9)$, - $C(O)CH_3$, - $C(O)CH_2C(O)X$, - $S(O)_n$ - R_{10} wherein n is independently selected from 0, 1 and 2, heteroalkyl, cycloalkyl, substituted cycloalkyl, heterocycloalkyl, substituted heterocycloalkyl, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

R₇ independently selected from heteroalkyl, cycloalkyl, substituted cycloalkyl, heterocycloalkyl, substituted heterocycloalkyl, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

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each R_8 and R_9 is independently selected from -H or -C₁₋₂ alkyl; and

each R_{10} is independently selected from - C_{1-6} alkyl, pyridyl, or phenyl, wherein the phenyl is unsubstituted or substituted on a carbon atom by least one substituent selected from halogen, - CH_3 , - OR_2 , or - NO_2 ;

provided that if Z is -C(O)OR $_2$ then at least one of R $_3$, R $_4$, R $_5$ or R $_6$ is -C(O)CH $_2$ C(O)X.

- 2. The compound of claim 1, wherein Z is -C(O)CH₂C(O)X and R₃, R₄, R₅ and R₆ are not -C(O)CH₂C(O)X.
 - 3. The compound of claim 2, wherein X is $-C(O)OR_2$.
- 4. The compound of claim 3, wherein R₂ is -H or ethyl; R₃ and R₆ are each -H; 20 R₄ and R₅ are each independently -H or -halo; and R₁ is 4-fluorophenylmethyl.
 - 5. The compound of claim 3, wherein R_2 is -H or alkyl; and R_1 is 4-fluorophenylmethyl.
- 6. The compound of claim 1, wherein R₇ is independently selected from pyridyl, thienyl, naphthyl or phenyl, wherein the phenyl is unsubstituted or independently substituted on a carbon atom by at least one substituent selected from halogen, -CH₃, -OR₂, or -NO₂.

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- 7. The compound of claim 1, wherein Z is $-C(O)CH_2C(O)C(O)OR_2$ and R_1 is $-C_{1-6}$ alkyl, or $-C_{1-6}$ alkyl substituted with R_7 .
- 5 8. The compound of claim 4, wherein R₂, R₄ and R₅ are each -H.
 - 9. The compound of claim 4, wherein R_2 is -H and R_4 and R_5 are each -H or -Cl wherein at least one of R_4 or R_5 is -Cl.
- 10. The compound of claim 7, wherein R₁ is a halogen-substituted arylalkyl.
 - 11. The compound of claim 1, wherein Z is $-C(O)OR_2$ and at least one of R_3 , R_4 , R_5 or R_6 is $-C(O)CH_2C(O)X$.
- 15 12. The compound of claim 11, wherein R₄ is -C(O)CH₂C(O)X.
 - 13. The compound of claim 12, wherein R₁ is a halogen-substituted arylalkyl.
- 14. The compound of claim 13, wherein R_4 is $-C(O)CH_2C(O)C(O)OR_2$, R_2 is -H or ethyl, and R_1 is 4-fluorophenylmethyl.
 - 15. The compound of claim 1, wherein at least one of R₃, R₄, R₅ and R₆ is a 5 or 6-membered heteroalicyclic ring containing 1 or 2 nitrogen heteroatoms.
- 25 16. A pharmaceutical composition comprising the formula (I) compound of claim 1, and a pharmaceutically acceptable carrier.

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- 17. A pharmaceutical composition comprising the formula (I) compound of claim 4, and a pharmaceutically acceptable carrier.
- 18. A pharmaceutical composition comprising the formula (I) compound of
 claim 11, and a pharmaceutically acceptable carrier.

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- 19. A method of treating or preventing AIDS or HIV infection in a subject, the method comprising administering to the subject a therapeutically effective amount of at least one formula (I) compound of claim 1.
 - 20. The method of claim 19, comprising treating HIV infection in a subject.
- 21. The method of claim 19, wherein the method of treatment helps to prevent or delay the onset of infection by HIV.
- 22. The method of claim 19, comprising orally administering the formula (I) compound.
- 23. The method of claim 19, comprising parenterally, sublingually, intranasally,
 intrathecally, topically, opthalmically or rectally administering the formula (I) compound.
 - 24. The method of claim 19, wherein the formula (I) compound comprises a compound wherein Z is $-C(O)CH_2C(O)X$ and R_3 , R_4 , R_5 and R_6 are not $-C(O)CH_2C(O)X$.
 - 25. The method of claim 24, wherein the formula (I) compound comprises a compound wherein X is -C(O)OR₂.

26. The method of claim 25, wherein the formula (I) compound comprises a compound wherein R_2 is -H or ethyl; R_3 and R_6 are each -H; R_4 and R_5 are each independently -H or -halo; and R_1 is 4-fluorophenylmethyl.

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- 27. The method of claim 19 wherein the formula (I) compound comprises a compound wherein Z is $-C(O)OR_2$ and at least one of R_3 , R_4 , R_5 or R_6 is $-C(O)CH_2C(O)X$.
- 28. The method of claim 27 wherein the formula (I) compound comprises a compound wherein R₄ is -C(O)CH₂C(O)C(O)OR₂, R₂ is -H or ethyl, and R₁ is 4-fluorophenylmethyl.
 - 29. The method of claim 26, comprising treating HIV infection in a subject.

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- 30. The method of claim 28, comprising treating HIV infection in a subject.
- 31. A method of inhibiting a retroviral integrase, the method comprising exposing the HIV integrase to an integrase inhibiting amount of at least one formula (I) compound of claim 1.
 - 32. The method of claim 31, wherein the formula (I) compound comprises a compound wherein Z is $-C(O)CH_2C(O)X$ and R_3 , R_4 , R_5 and R_6 are not $-C(O)CH_2C(O)X$.

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33. The method of claim 32, wherein the formula (I) compound comprises a compound wherein X is -C(O)OR₂.

- 34. The method of claim 33, wherein the formula (I) compound comprises a compound wherein R_2 is -H or ethyl; R_3 and R_6 are each -H; R_4 and R_5 are independently -H or -halo; and R_1 is 4-fluorophenylmethyl.
- 5 35. The method of claim 31 wherein the formula (I) compound comprises a compound wherein Z is -C(O)OR₂ and at least one of R₃, R₄, R₅ and R₆ is -C(O)CH₂C(O)X.
- 36. The method of claim 35 wherein the formula (I) compound comprises a compound wherein R₄ is -C(O)CH₂C(O)C(O)OR₂, R₂ is -H or ethyl, and R₁ is 4-fluorophenylmethyl.
 - 37. The method of claim 31, comprising inhibiting a HIV integrase.
- 15 38. The method of claim 31, comprising inhibiting strand transfer catalyzed by HV integrase.
 - 39. The method of claim 31, comprising inhibiting incorporation of a donor strand DNA into a receiving strand DNA.

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- 40. A method of screening for an anti-HIV integrase drug, comprising: providing an assay of HIV integrase inhibition; and using the assay to screen for drugs comprising analogs or derivatives of any of the compounds of claim 1.
- 41. A method of treating or preventing AIDS or HIV infection in a subject, the method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition of claim 16.

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42. A method of treating or preventing AIDS or HIV infection in a subject, the method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition of claim 17.

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43. A method of treating or preventing AIDS or HIV infection in a subject, the method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition of claim 18.